

DOD Hazardous Materials Information System
DoD 6050.5-L
AS OF July 1998

FSC: 6850
NIIN: 00F009629
Manufacturer's CAGE: 1B464
Part No. Indicator: A
Part Number/Trade Name: BOILEEZERS

=====

General Information

=====

Item Name: ALUMINUM OXIDE
Company's Name: FISHER SCIENTIFIC COMPANY
Company's Street: 1 REAGENT LANE
Company's P. O. Box: 375
Company's City: FAIR LAWN
Company's State: NJ
Company's Country:
Company's Zip Code: 07410
Company's Emerg Ph #: (201) 796-7100
Company's Info Ph #: (201) 796-7100
Distributor/Vendor # 1:
Distributor/Vendor # 1 Cage:
Distributor/Vendor # 2:
Distributor/Vendor # 2 Cage:
Distributor/Vendor # 3:
Distributor/Vendor # 3 Cage:
Distributor/Vendor # 4:
Distributor/Vendor # 4 Cage:
Safety Data Action Code:
Safety Focal Point: F
Record No. For Safety Entry: 001
Tot Safety Entries This Stk#: 001
Status:
Date MSDS Prepared: 24APR89
Safety Data Review Date: 30JAN90
Supply Item Manager:
MSDS Preparer's Name: GASTON L. PILLORI
Preparer's Company: FISHER SCIENTIFIC COMPANY
Preparer's St Or P. O. Box: 1 REAGENT LANE
Preparer's City: FAIR LAWN
Preparer's State: NJ
Preparer's Zip Code: 07410
Other MSDS Number:
MSDS Serial Number: BHLGW
Specification Number:
Spec Type, Grade, Class:
Hazard Characteristic Code:
Unit Of Issue:
Unit Of Issue Container Qty:
Type Of Container:
Net Unit Weight:

Report for NIIN: 00F009629

NRC/State License Number:
Net Explosive Weight:
Net Propellant Weight-Ammo:
Coast Guard Ammunition Code:

=====

Ingredients/Identity Information

=====

Proprietary: NO
Ingredient: ALPHA-ALUMINA (ALUMINUM OXIDE) (EPA LISTS ONLY FIBROUS FORMS)
(SARA III)
Ingredient Sequence Number: 01
Percent: N/K
Ingredient Action Code:
Ingredient Focal Point: F
NIOSH (RTECS) Number: BD1200000
CAS Number: 1344-28-1
OSHA PEL: 15 MG/M3 TDUST
ACGIH TLV: 10 MG/M3 TDUST; 9293
Other Recommended Limit: N/K

=====

Physical/Chemical Characteristics

=====

Appearance And Odor: WHITE GRANULES
Boiling Point: 2977C
Melting Point: N/K
Vapor Pressure (MM Hg/70 F): N/R
Vapor Density (Air=1): N/R
Specific Gravity: 4.0
Decomposition Temperature: N/K
Evaporation Rate And Ref: N/R
Solubility In Water: INSOLUBLE
Percent Volatiles By Volume: N/R
Viscosity:
pH: N/K
Radioactivity:
Form (Radioactive Matl):
Magnetism (Milligauss):
Corrosion Rate (IPY): N/K
Autoignition Temperature:

=====

Fire and Explosion Hazard Data

=====

Flash Point: N/R
Flash Point Method: N/P
Lower Explosive Limit: N/R
Upper Explosive Limit: N/R
Extinguishing Media: N/R
Special Fire Fighting Proc: N/R
Unusual Fire And Expl Hazrds: N/R

Report for NIIN: 00F009629

Reactivity Data

=====

Stability: YES
Cond To Avoid (Stability): N/K
Materials To Avoid: N/K
Hazardous Decomp Products: N/K
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): N/K

=====

Health Hazard Data

=====

LD50-LC50 Mixture: N/K
Route Of Entry - Inhalation: NO
Route Of Entry - Skin: NO

Route Of Entry - Ingestion: NO
 Health Haz Acute And Chronic: N/R
 Carcinogenicity - NTP: NO
 Carcinogenicity - IARC: NO
 Carcinogenicity - OSHA: NO
 Explanation Carcinogenicity: NONE
 Signs/Symptoms Of Overexp: N/K
 Med Cond Aggravated By Exp: N/K
 Emergency/First Aid Proc: N/K

=====

Precautions for Safe Handling and Use

=====

Steps If Matl Released/Spill: SCOOP UP & PLACE IN A SUITABLE CONTAINER.
 Neutralizing Agent: N/K
 Waste Disposal Method: DISPOSE OF BY MEANS AS TO COMPLY WITH ALL LOCAL,
 STATE, & FEDERAL REGULATIONS OR CONTACT AN APPROVED & LICENSED DISPOSAL
 AGENCY.
 Precautions-Handling/Storing: N/K
 Other Precautions: N/K

=====

Control Measures

=====

Respiratory Protection: DUST MASK
 Ventilation: LOCAL EXHAUST/MECHANICAL: ACCEPTABLE
 Protective Gloves: NONE
 Eye Protection: SAFETY GLASSES
 Other Protective Equipment: N/K
 Work Hygienic Practices: N/K
 Suppl. Safety & Health Data: N/K

=====

Transportation Data

=====

Transportation Action Code:
 Transportation Focal Point:
 Trans Data Review Date:
 DOT PSN Code:
 DOT Symbol:
 DOT Proper Shipping Name:

Report for NIIN: 00F009629

DOT Class:
 DOT ID Number:
 DOT Pack Group:
 DOT Label:
 DOT/DoD Exemption Number:
 IMO PSN Code:
 IMO Proper Shipping Name:
 IMO Regulations Page Number:
 IMO UN Number:
 IMO UN Class:
 IMO Subsidiary Risk Label:
 IATA PSN Code:
 IATA UN ID Number:
 IATA Proper Shipping Name:
 IATA UN Class:
 IATA Subsidiary Risk Class:
 IATA Label:
 AFI PSN Code:
 AFI Symbols:
 AFI Prop. Shipping Name:

AFI Class:
AFI ID Number:
AFI Pack Group:
AFI Label:
AFI Special Prov:
AFI Basic Pac Ref:
MMAC Code:
N.O.S. Shipping Name:
Additional Trans Data:

=====

Disposal Data

=====

Disposal Data Action Code:
Disposal Data Focal Point:
Disposal Data Review Date:
Rec # For This Disp Entry:
Tot Disp Entries Per NSN:
Landfill Ban Item:
Disposal Supplemental Data:
1st EPA Haz Wst Code New:
1st EPA Haz Wst Name New:
1st EPA Haz Wst Char New:
1st EPA Acute Hazard New:
2nd EPA Haz Wst Code New:
2nd EPA Haz Wst Name New:
2nd EPA Haz Wst Char New:
2nd EPA Acute Hazard New:
3rd EPA Haz Wst Code New:
3rd EPA Haz Wst Name New:
3rd EPA Haz Wst Char New:
3rd EPA Acute Hazard New:

Report for NIIN: 00F009629

=====

Label Data

=====

Label Required: YES
Technical Review Date:
Label Date:
MFR Label Number:
Label Status: G
Common Name: BOILEEZERS
Chronic Hazard: N/P
Signal Word:
Acute Health Hazard-None:
Acute Health Hazard-Slight:
Acute Health Hazard-Moderate:
Acute Health Hazard-Severe:
Contact Hazard-None:
Contact Hazard-Slight:
Contact Hazard-Moderate:
Contact Hazard-Severe:
Fire Hazard-None:
Fire Hazard-Slight:
Fire Hazard-Moderate:
Fire Hazard-Severe:
Reactivity Hazard-None:
Reactivity Hazard-Slight:
Reactivity Hazard-Moderate:
Reactivity Hazard-Severe:

Special Hazard Precautions: N/R N/K
Protect Eye:
Protect Skin:
Protect Respiratory:
Label Name: FISHER SCIENTIFIC COMPANY
Label Street: 1 REAGENT LANE
Label P.O. Box: 375
Label City: FAIR LAWN
Label State: NJ
Label Zip Code: 07410
Label Country:
Label Emergency Number: (201) 796-7100
Year Procured: